

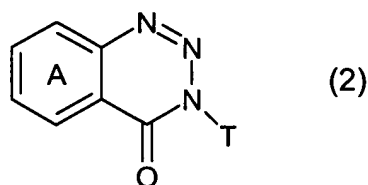
## In the Claims

1. **(currently amended)** A method of colouring porous material, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously,

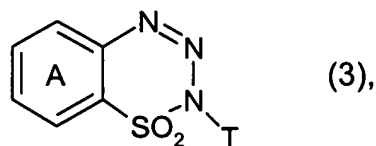
a) at least one capped diazonium compound of formula (1)



and/or at least one compound of formula (2)



and/or at least one compound of formula (3)



wherein

Q is an unsubstituted or substituted aromatic or heterocyclic residue,

R is the radical of an unsubstituted or substituted, water-soluble aliphatic or aromatic amine, and

T is an unsubstituted or substituted, water-soluble aliphatic or aromatic residue,

wherein at least one of the groups must contain a radical imparting water solubility,

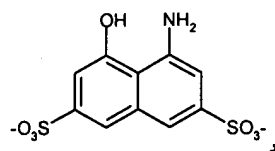
and

b) at least one water-soluble coupling component

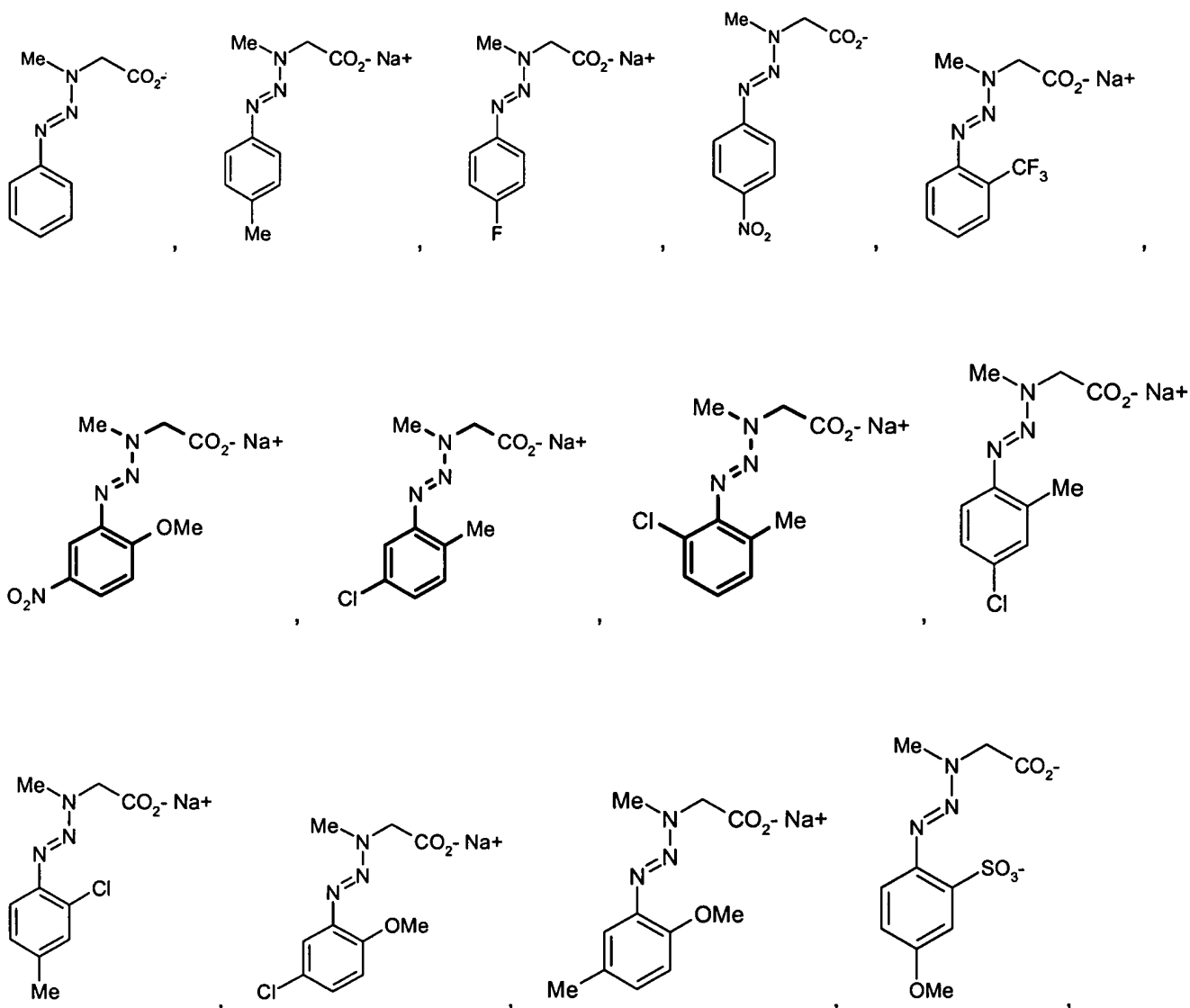
under conditions such that, initially, coupling does not take place, and then causing the capped diazonium compound present on the material to react with the coupling component,

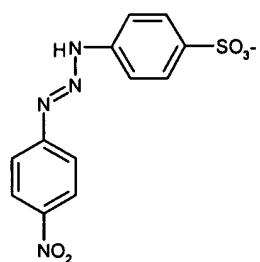
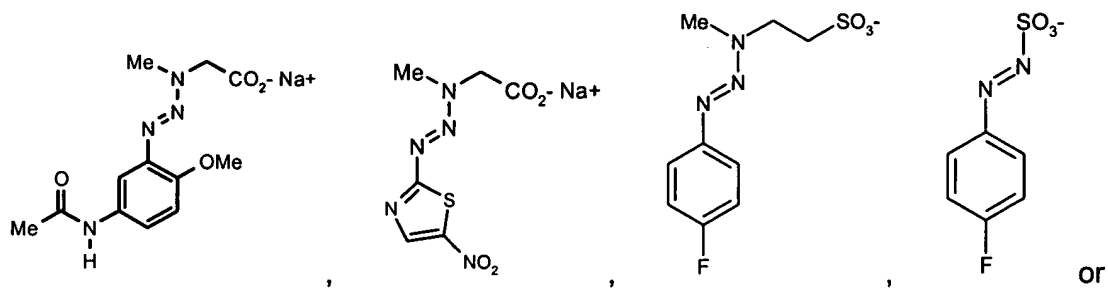
with the provisos that if the water-soluble coupling component is

(i) if the water-soluble coupling component is



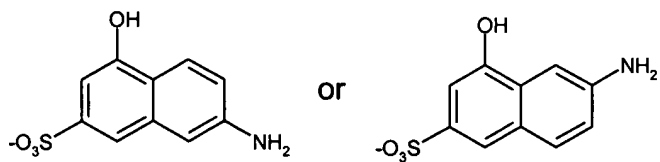
then the capped diazonium compounds is not



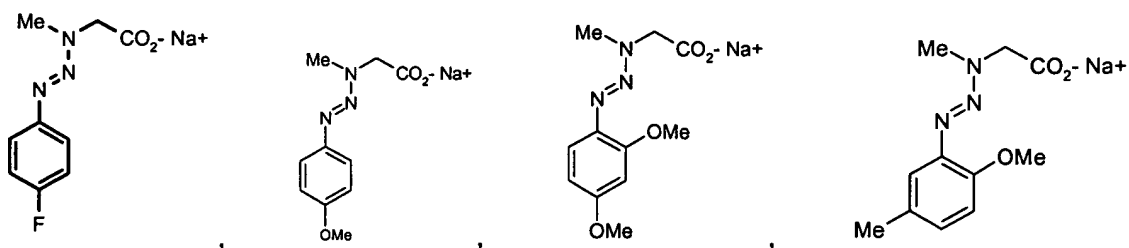


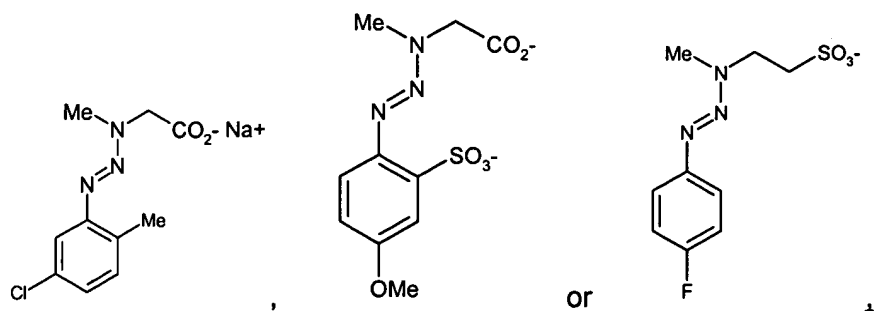
and

(ii) if the water-soluble coupling component is



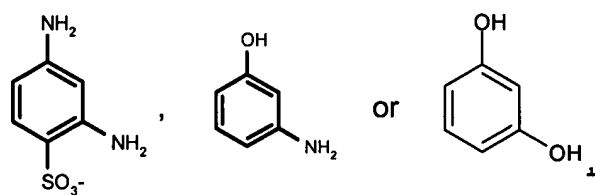
then the capped diazonium compound is not



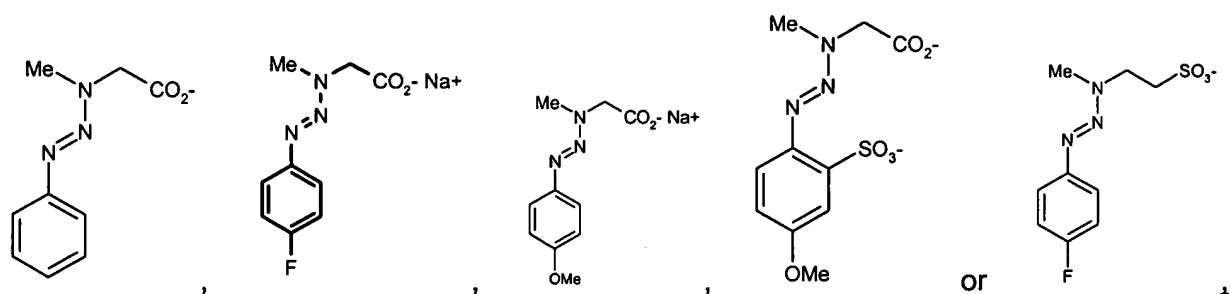


and

(iii) if the water-soluble coupling component is

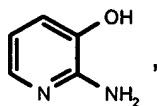


then the capped diazonium compound is not

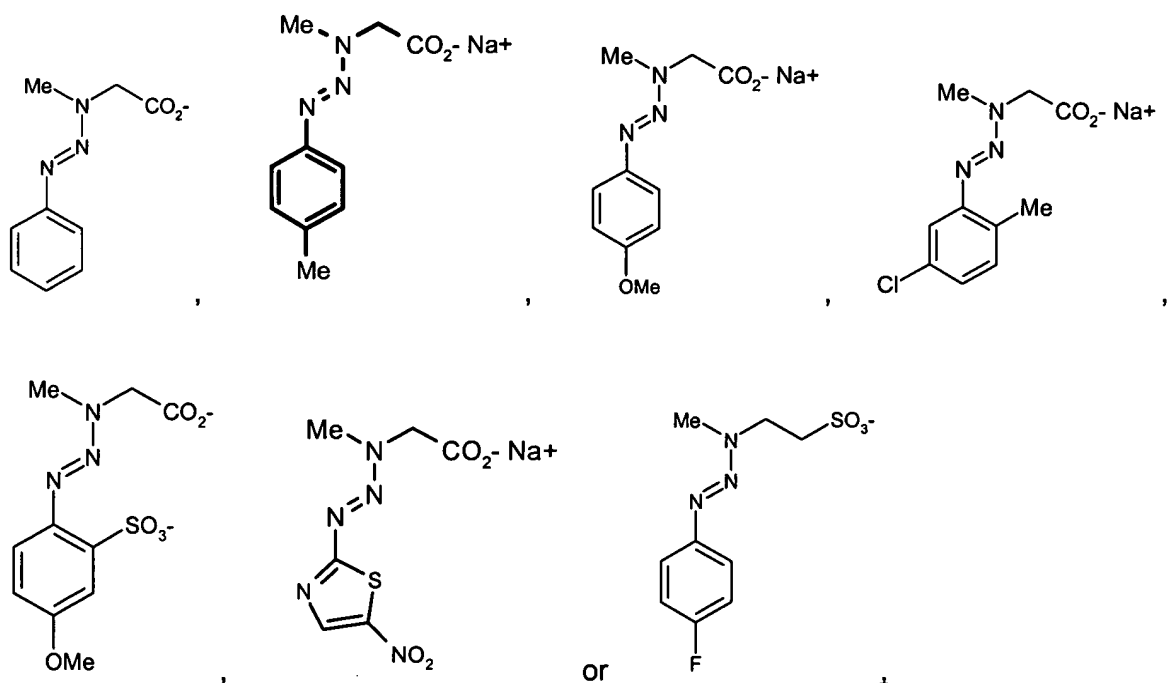


and

(iv) if the water-soluble coupling component is

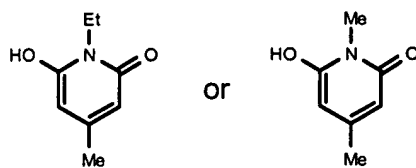


then the capped diazonium compound is not

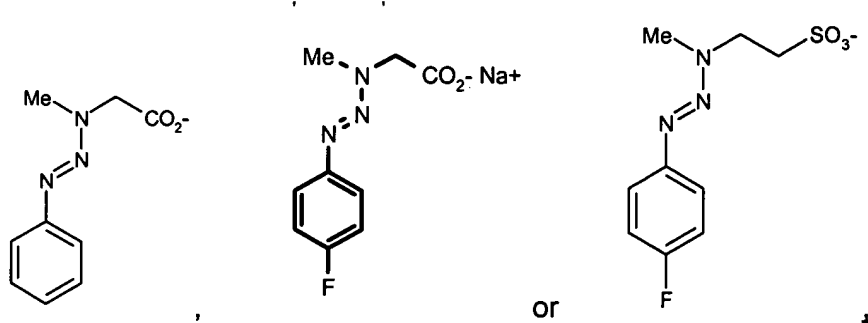


and

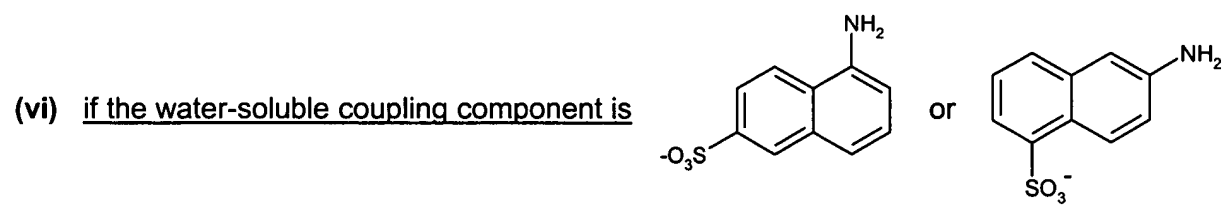
(v) if the water-soluble coupling component is



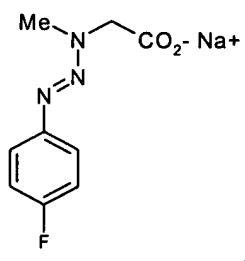
then the capped diazonium compound is not



and

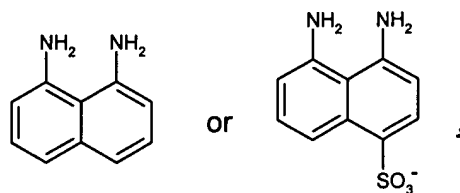


then the capped diazonium compound is not

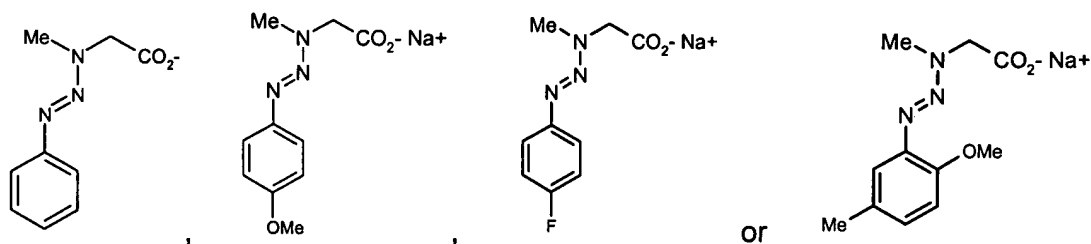


and

(vii) if the water-soluble coupling component is

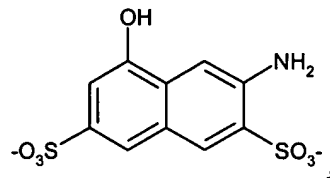


then the capped diazonium compound is not

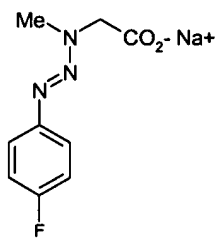


and

(viii) if the water-soluble coupling component is

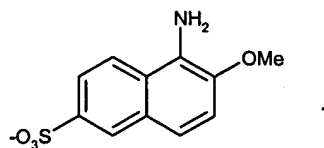


then the capped diazonium compound is not

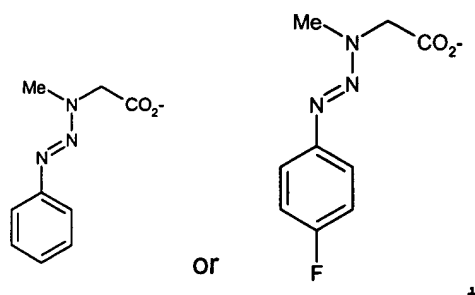


and

(ix) if the water-soluble coupling component is

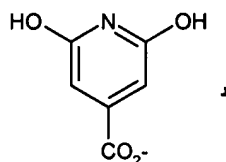


then the capped diazonium compound is not

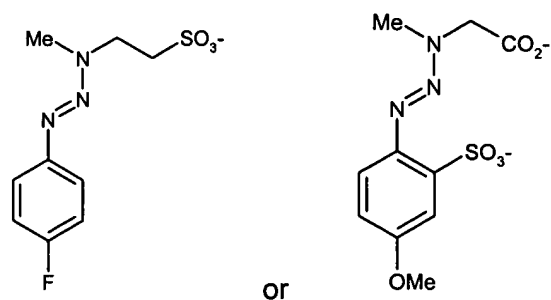


and

(x) if the water-soluble coupling component is



then the diazonium capped compound is not



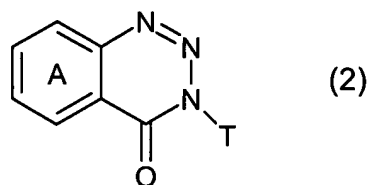


**2. (currently amended)** A method according to claim 1, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously,

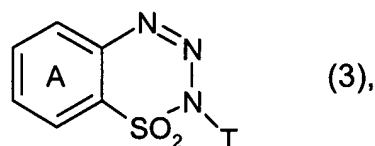
a) at least one capped diazonium compound of formula (1)



and/or at least one compound of formula (2)



and/or at least one compound of formula (3)



wherein

**Q** is an unsubstituted phenyl; naphthyl; thiophenyl; 1,3-thiazolyl; 1,2-thiazolyl; 1,3-benzothiazolyl; 2,3-benzothiazolyl; imidazolyl; 1,3,4-thiadiazolyl; 1,3,5-thiadiazolyl; 1,3,4-triazolyl; pyrazolyl; benzimidazolyl; benzopyrazolyl; pyridinyl; quinolinyl; pyrimidinyl; isoxazolyl; aminodiphenyl; aminodiphenylether and azobenzenyl or

**Q** is a phenyl, naphthyl, thiophenyl, 1,3-thiazolyl, 1,2-thiazolyl, 1,3-benzothiazolyl, 2,3-benzothiazolyl, imidazolyl, 1,3,4-thiadiazolyl, 1,3,5-thiadiazolyl, 1,3,4-triazolyl, pyrazolyl, benzimidazolyl, benzopyrazolyl, pyridinyl, quinolinyl, pyrimidinyl and isoxazolyl, aminodiphenyl, aminodiphenylether and azobenzenyl which is mono- or poly-substituted by C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, C<sub>1</sub>-C<sub>4</sub>alkylthio, halogen~~[[, ]e.g. fluorine, bromine or chlorine~~, nitro, trifluoromethyl, CN, SCN, C<sub>1</sub>-C<sub>4</sub>alkylsulfonyl, phenylsulfonyl, benzylsulfonyl, di-C<sub>1</sub>-C<sub>4</sub>alkylaminosulfonyl, C<sub>1</sub>-C<sub>4</sub>alkyl-carbonylamino, C<sub>1</sub>-C<sub>4</sub>alkoxysulfonyl or by di-(hydroxy-C<sub>1</sub>-C<sub>4</sub>alkyl)-aminosulfonyl,

**R** is a radical of formula -NR<sub>16</sub>R<sub>17</sub>, wherein R<sub>16</sub> is H; unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH, and R<sub>17</sub> is unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which

is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH, or

R is a radical of unsubstituted aniline; the radical of unsubstituted aminonaphthalene; the radical of aniline or aminonaphthalene, wherein the phenyl or the naphthyl ring is substituted by one or more identical or different substituent selected from the group consisting of COOH, SO<sub>3</sub>H, CN, halogen, SO<sub>2</sub>C<sub>1</sub>-C<sub>2</sub>alkyl, unsubstituted linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl, linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl, substituted by OH, carboxy, COC<sub>1</sub>-C<sub>2</sub>alkyl or SO<sub>2</sub>-N(C<sub>1</sub>-C<sub>4</sub>alkyl)-(CH<sub>2</sub>)<sub>1-4</sub>SO<sub>3</sub>H and wherein the amino radical is substituted by H, unsubstituted linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl, substituted by OH or carboxy,

T is a linear or branched unsubstituted C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, NH(C<sub>1</sub>-C<sub>2</sub>alkyl), N(C<sub>1</sub>-C<sub>2</sub>alkyl)<sub>2</sub>, CN, halogen and OH, or T is unsubstituted phenyl; unsubstituted naphthyl; phenyl or naphthyl, which are substituted by one or more identical or different substituents selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, NH(C<sub>1</sub>-C<sub>2</sub>alkyl), N(C<sub>1</sub>-C<sub>2</sub>alkyl)<sub>2</sub>, CN, halogen and OH,

and

b) at least one water-soluble coupling component

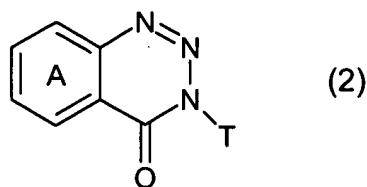
under conditions such that, initially, coupling does not take place, and then causing the capped diazonium compound present on the material to react with the coupling component, wherein the same provisos as in claim 1 apply.

**3. (currently amended)** A method according to claim 1~~any one of the preceding claims~~, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously,

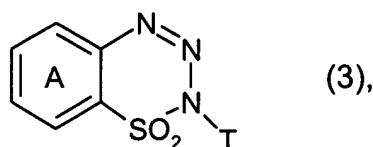
a) at least one capped diazonium compound of formula (1)



and/or at least one compound of formula (2)



and/or at least one compound of formula (3)



wherein

**Q** is an unsubstituted phenyl; naphthyl; thiophenyl; 1,3-thiazolyl; 1,2-thiazolyl; 1,3-benzothiazolyl; 2,3-benzothiazolyl; imidazolyl; 1,3,4-thiadiazolyl; 1,3,5-thiadiazolyl; 1,3,4-triazolyl; pyrazolyl; benzimidazolyl; benzopyrazolyl; pyridinyl; quinolinyl; pyrimidinyl; isoxazolyl; aminodiphenyl; aminodiphenylether and azobenzenyl or

**Q** is a phenyl, naphthyl, thiophenyl, 1,3-thiazolyl, 1,2-thiazolyl, 1,3-benzothiazolyl, 2,3-benzothiazolyl, imidazolyl, 1,3,4-thiadiazolyl, 1,3,5-thiadiazolyl, 1,3,4-triazolyl, pyrazolyl, benzimidazolyl, benzopyrazolyl, pyridinyl, quinolinyl, pyrimidinyl and isoxazolyl, aminodiphenyl, aminodiphenylether and azobenzenyl which is mono- or poly-substituted by C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, C<sub>1</sub>-C<sub>4</sub>alkylthio, halogen[[, ]e.g. fluorine, bromine or chlorine, nitro, trifluoromethyl, CN, SCN, C<sub>1</sub>-C<sub>4</sub>alkylsulfonyl, phenylsulfonyl, benzylsulfonyl, di-C<sub>1</sub>-C<sub>4</sub>alkylaminosulfonyl, C<sub>1</sub>-C<sub>4</sub>alkyl-carbonylamino, C<sub>1</sub>-C<sub>4</sub>alkoxysulfonyl or by di-(hydroxy-C<sub>1</sub>-C<sub>4</sub>alkyl)-aminosulfonyl,

**R** is a radical of formula -NR<sub>16</sub>R<sub>17</sub>, wherein R<sub>16</sub> is H; unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH, and R<sub>17</sub> is unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH,

**T** is a linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or two identical or different substituent selected from the group consisting of COOH, SO<sub>3</sub>H, NH<sub>2</sub>, NH(C<sub>1</sub>-C<sub>2</sub>alkyl) and N(C<sub>1</sub>-C<sub>2</sub>alkyl)<sub>2</sub>, or

**T** is unsubstituted phenyl; unsubstituted naphthyl; phenyl or naphthyl, which are substituted by one or more identical or different substituents selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, NH(C<sub>1</sub>-C<sub>2</sub>alkyl), N(C<sub>1</sub>-C<sub>2</sub>alkyl)<sub>2</sub>, CN, halogen and OH,

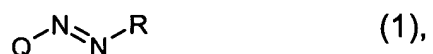
and

b) at least one water-soluble coupling component

under conditions such that, initially, coupling does not take place, and then causing the capped diazonium compound present on the material to react with the coupling component, wherein the same provisos as in claim 1 apply.

**4. (currently amended)** A method according to claim 1~~any one of the preceding claims~~, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously,

a) at least one capped diazonium compound of formula (1)



wherein

**Q** is an unsubstituted phenyl; naphthyl; thiophenyl; 1,3-thiazolyl; 1,2-thiazolyl; 1,3-benzothiazolyl; 2,3-benzothiazolyl; imidazolyl; 1,3,4-thiadiazolyl; 1,3,5-thiadiazolyl; 1,3,4-triazolyl; pyrazolyl; benzimidazolyl; benzopyrazolyl; pyridinyl; quinolinyl; pyrimidinyl; isoxazolyl; aminodiphenyl; aminodiphenylether and azobenzenyl or

**Q** is a phenyl, naphthyl, thiophenyl, 1,3-thiazolyl, 1,2-thiazolyl, 1,3-benzothiazolyl, 2,3-benzothiazolyl, imidazolyl, 1,3,4-thiadiazolyl, 1,3,5-thiadiazolyl, 1,3,4-triazolyl, pyrazolyl, benzimidazolyl, benzopyrazolyl, pyridinyl, quinolinyl, pyrimidinyl and isoxazolyl, aminodiphenyl, aminodiphenylether and azobenzenyl which is mono- or poly-substituted by C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, C<sub>1</sub>-C<sub>4</sub>alkylthio, halogen~~[, ]~~~~e.g. fluorine, bromine or chlorine~~, nitro, trifluoromethyl, CN, SCN, C<sub>1</sub>-C<sub>4</sub>alkylsulfonyl, phenylsulfonyl, benzylsulfonyl, di-C<sub>1</sub>-C<sub>4</sub>alkylaminosulfonyl, C<sub>1</sub>-C<sub>4</sub>alkyl-carbonylamino, C<sub>1</sub>-C<sub>4</sub>alkoxysulfonyl or by di-(hydroxy-C<sub>1</sub>-C<sub>4</sub>alkyl)-aminosulfonyl,

**R** is a radical of formula -NR<sub>16</sub>R<sub>17</sub>, wherein R<sub>16</sub> is H; unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH, and R<sub>17</sub> is unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which

is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH,

and

b) at least one water-soluble coupling component

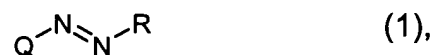
under conditions such that, initially, coupling does not take place, and then causing the capped diazonium compound present on the material to react with the coupling component, wherein the same provisos as in claim 1 apply.

**5. (currently amended)** A method according to claim 1~~any one of claims 1 to 4, wherein there is used as~~ wherein the coupling component is an unsubstituted or substituted acylacetarylamide, phenol, naphthol, pyridine, quinolone, pyrazole, indole, diphenylamine, aniline, aminopyridine, pyrimidone, naphthylamine, aminothiazole, thiophene or hydroxypyridine.

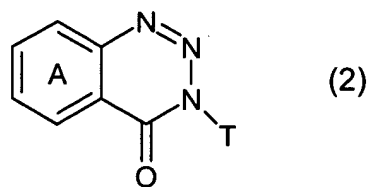
**6. (currently amended)** A method according to claim 5, wherein ~~[[a]]~~ the coupling component is mono- or poly-substituted by amino, alkylamino, dialkylamino, halogen, alkyl, alkoxy, phenyl, naphthyl or by aryloxy~~[[, ]]~~ but especially by a group imparting water solubility, is used.

**7. (currently amended)** A method according to claim 1, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously,

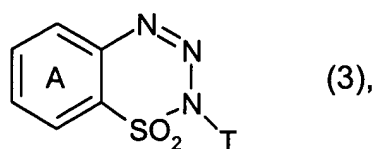
a) at least one capped diazonium compound of formula (1)



and/or at least one compound of formula (2)



and/or at least one compound of formula (3)



wherein

**Q** is an unsubstituted phenyl; naphthyl; thiophenyl; 1,3-thiazolyl; 1,2-thiazolyl; 1,3-benzothiazolyl; 2,3-benzothiazolyl; imidazolyl; 1,3,4-thiadiazolyl; 1,3,5-thiadiazolyl; 1,3,4-triazolyl; pyrazolyl; benzimidazolyl; benzopyrazolyl; pyridinyl; quinolinyl; pyrimidinyl; isoxazolyl; aminodiphenyl; aminodiphenylether and azobenzenyl or

**Q** is a phenyl, naphthyl, thiophenyl, 1,3-thiazolyl, 1,2-thiazolyl, 1,3-benzothiazolyl, 2,3-benzothiazolyl, imidazolyl, 1,3,4-thiadiazolyl, 1,3,5-thiadiazolyl, 1,3,4-triazolyl, pyrazolyl, benzimidazolyl, benzopyrazolyl, pyridinyl, quinolinyl, pyrimidinyl and isoxazolyl, aminodiphenyl, aminodiphenylether and azobenzenyl which is mono- or poly-substituted by C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, C<sub>1</sub>-C<sub>4</sub>alkylthio, halogen~~[[, ]e.g. fluorine, bromine or chlorine~~, nitro, trifluoromethyl, CN, SCN, C<sub>1</sub>-C<sub>4</sub>alkylsulfonyl, phenylsulfonyl, benzylsulfonyl, di-C<sub>1</sub>-C<sub>4</sub>alkylaminosulfonyl, C<sub>1</sub>-C<sub>4</sub>alkyl-carbonylamino, C<sub>1</sub>-C<sub>4</sub>alkoxysulfonyl or by di-(hydroxy-C<sub>1</sub>-C<sub>4</sub>alkyl)-aminosulfonyl,

**R** is a radical of formula -NR<sub>16</sub>R<sub>17</sub>, wherein R<sub>16</sub> is H; unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH, and R<sub>17</sub> is unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH,

**T** is a linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or two identical or different substituent selected from the group consisting of COOH, SO<sub>3</sub>H, NH<sub>2</sub>, NH(C<sub>1</sub>-C<sub>2</sub>alkyl) and N(C<sub>1</sub>-C<sub>2</sub>alkyl)<sub>2</sub>, or **T** is unsubstituted phenyl; unsubstituted naphthyl; phenyl or naphthyl, which are substituted by one or more identical or different substituents selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, NH(C<sub>1</sub>-C<sub>2</sub>alkyl), N(C<sub>1</sub>-C<sub>2</sub>alkyl)<sub>2</sub>, CN, halogen and OH,

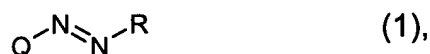
and

b) at least one water-soluble coupling component selected from the group consisting of acylacetaryl amides, phenols, naphthols, pyridones, quinolones, pyrazoles, indoles, diphenylamines, anilines, aminopyridines, pyrimidones, naphthylamines, aminothiazoles, thiophenes and hydroxypyridines, which all may carry further substituents selected from the group consisting of ~~[[, ]]~~ for example amino, alkylamino, dialkylamino, halogen, alkyl, alkoxy, aryl, ~~especially phenyl or naphthyl, or aryloxy, but especially a group imparting water solubility, e.g. hydroxy, carboxy and~~ sulfo,

under conditions such that, initially, coupling does not take place, and then causing the capped diazonium compound present on the material to react with the coupling component, wherein the same provisos as in claim 1 apply.

**8. (currently amended)** A method according to claim 1, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously,

a) at least one capped diazonium compound of formula (1)



wherein

**Q** is an unsubstituted phenyl; naphthyl; thiophenyl; 1,3-thiazolyl; 1,2-thiazolyl; 1,3-benzothiazolyl; 2,3-benzothiazolyl; imidazolyl; 1,3,4-thiadiazolyl; 1,3,5-thiadiazolyl; 1,3,4-triazolyl; pyrazolyl; benzimidazolyl; benzopyrazolyl; pyridinyl; quinolinyl; pyrimidinyl; isoxazolyl; aminodiphenyl; aminodiphenylether and azobenzenyl or

**Q** is a phenyl, naphthyl, thiophenyl, 1,3-thiazolyl, 1,2-thiazolyl, 1,3-benzothiazolyl, 2,3-benzothiazolyl, imidazolyl, 1,3,4-thiadiazolyl, 1,3,5-thiadiazolyl, 1,3,4-triazolyl, pyrazolyl, benzimidazolyl, benzopyrazolyl, pyridinyl, quinolinyl, pyrimidinyl and isoxazolyl, aminodiphenyl, aminodiphenylether and azobenzenyl which is mono- or poly-substituted by C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, C<sub>1</sub>-C<sub>4</sub>alkylthio, halogen ~~[[, ]]~~ e.g. fluorine, bromine or chlorine, nitro, trifluoromethyl, CN, SCN, C<sub>1</sub>-C<sub>4</sub>alkylsulfonyl, phenylsulfonyl, benzylsulfonyl, di-C<sub>1</sub>-C<sub>4</sub>alkylaminosulfonyl, C<sub>1</sub>-C<sub>4</sub>alkyl-carbonylamino,

C<sub>1</sub>-C<sub>4</sub>alkoxysulfonyl or by di-(hydroxy-C<sub>1</sub>-C<sub>4</sub>alkyl)-aminosulfonyl,

**R** is a radical of formula –NR<sub>16</sub>R<sub>17</sub>, wherein R<sub>16</sub> is H; unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH, and R<sub>17</sub> is unsubstituted linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>6</sub>alkyl, which is substituted by one or more identical or different substituent selected from the group consisting of OC<sub>1</sub>-C<sub>4</sub>alkyl, COOH, COOC<sub>1</sub>-C<sub>2</sub>alkyl, SO<sub>3</sub>H, NH<sub>2</sub>, CN, halogen and OH,

and

b) at least one water-soluble coupling component selected from the group consisting of acylacetaryl amides, phenols, naphthols, pyridones, quinolones, pyrazoles, indoles, diphenylamines, anilines, aminopyridines, pyrimidones, naphthylamines, aminothiazoles, thiophenes and hydroxypyridines, which all may carry further substituents selected from the group consisting of ~~of~~ ~~[, ]~~ ~~for example~~ amino, alkylamino, dialkylamino, halogen, alkyl, alkoxy, aryl, ~~especially phenyl or naphthyl, or aryloxy, but especially a group imparting water solubility, e.g. hydroxy, carboxy~~ and sulfo,

under conditions such that, initially, coupling does not take place, and then causing the capped diazonium compound present on the material to react with the coupling component, wherein the same provisos as in claim 1 apply.

**9. (currently amended)** A method of colouring porous material according to claim 1 ~~any one of the preceding claims~~, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously,

a) at least two capped diazonium compounds as defined in claim 1 ~~Claims 1~~ ~~[[ – 4]]~~ and

b) at least one water-soluble coupling component

under conditions such that, initially, coupling does not take place, and then causing the capped diazonium compound present on the material to react with the coupling component.



**10. (currently amended)** A method of colouring porous material according to claim 1~~any one of the preceding claims~~, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously,

a) at least one capped diazonium compound as defined in claim 1~~Claims 1~~[[ - 4]] and

b) at least two water-soluble coupling components

under conditions such that, initially, coupling does not take place, and then causing the capped diazonium compound present on the material to react with the coupling component.

**11. (currently amended)** A method of colouring porous material according to claim 1~~any one of the preceding claims~~, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously,

a) at least two capped diazonium compounds as defined in claim 1~~Claims 1~~[[ - 4]] and

b) at least two water-soluble coupling components

under conditions such that, initially, coupling does not take place, and then causing the capped diazonium compound present on the material to react with the coupling component.

**12. (currently amended)** A method according to claim 1~~any one of the preceding claims~~, which method comprises bringing the material being coloured into contact with

a) at least one capped diazonium compound as defined in claim 1~~Claims 1~~[[ - 4]] and

b) at least one water-soluble coupling component,

in any desired order successively, or simultaneously,

- a) under alkaline conditions in the presence of an oxidising agent and optionally in the presence of a further dye, and  
then subjecting the material being coloured to treatment with acid, or
- b) under alkaline conditions, and  
then subjecting the material being coloured to treatment with acid, optionally in the presence of a further dye,

wherein the same provisos as in claim 1 apply.

**13. (currently amended)** A method according to claim 9~~any one of Claim 9—12~~, wherein the coupling component is unsubstituted or substituted acylacetarylamide, phenol, naphthol, pyridine, quinolone, pyrazole, indole, diphenylamine, aniline, aminopyridine, pyrimidone, naphthylamine, aminothiazole, thiophene or hydroxypyridine.

**14. (currently amended)** A method according to claim 13, wherein the coupling component is mono- or poly-substituted by amino, alkylamino, dialkylamino, halogen, alkyl, alkoxy, phenyl, naphthyl or by aryloxy~~[[, ]]but especially by a group imparting water solubility.~~

**15. (currently amended)** A compound of formula



wherein

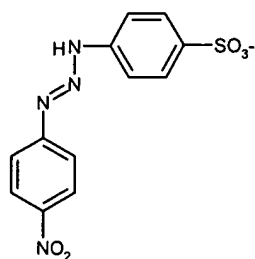
**Q** is an unsubstituted phenyl; naphthyl; thiophenyl; 1,3-thiazolyl; 1,2-thiazolyl; 1,3-benzothiazolyl; 2,3-benzothiazolyl; imidazolyl; 1,3,4-thiadiazolyl; 1,3,5-thiadiazolyl; 1,3,4-triazolyl; pyrazolyl; benzimidazolyl; benzopyrazolyl; pyridinyl; quinolinyl; pyrimidinyl; isoxazolyl; aminodiphenyl; aminodiphenylether and azobenzenyl or

**Q** is a phenyl, naphthyl, thiophenyl, 1,3-thiazolyl, 1,2-thiazolyl, 1,3-benzothiazolyl, 2,3-benzothiazolyl, imidazolyl, 1,3,4-thiadiazolyl, 1,3,5-thiadiazolyl, 1,3,4-triazolyl, pyrazolyl, benzimidazolyl, benzopyrazolyl, pyridinyl, quinolinyl, pyrimidinyl and isoxazolyl, aminodiphenyl, aminodiphenylether and azobenzenyl which is mono- or poly-substituted by C<sub>1</sub>-C<sub>4</sub>alkyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, C<sub>1</sub>-C<sub>4</sub>alkylthio,

halogen~~[[, ]]~~~~e.g. fluorine, bromine or chlorine~~, nitro, trifluoromethyl, CN, SCN, C<sub>1</sub>-C<sub>4</sub>alkylsulfonyl, phenylsulfonyl, benzylsulfonyl, di-C<sub>1</sub>-C<sub>4</sub>alkylaminosulfonyl, C<sub>1</sub>-C<sub>4</sub>alkyl-carbonylamino, C<sub>1</sub>-C<sub>4</sub>alkoxysulfonyl or by di-(hydroxy-C<sub>1</sub>-C<sub>4</sub>alkyl)-aminosulfonyl,

R is radical of unsubstituted aniline; the radical of unsubstituted aminonaphthalene; the radical of aniline or aminonaphthalene, wherein the phenyl or the naphthyl ring is substituted by one or more identical or different substituent selected from the group consisting of COOH, SO<sub>3</sub>H, CN, halogen, SO<sub>2</sub>C<sub>1</sub>-C<sub>2</sub>alkyl, unsubstituted linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl, linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl, substituted by OH, carboxy, COC<sub>1</sub>-C<sub>2</sub>alkyl or SO<sub>2</sub>-N(C<sub>1</sub>-C<sub>4</sub>alkyl)-(CH<sub>2</sub>)<sub>1-4</sub>SO<sub>3</sub>H and wherein the amino radical is substituted by H, unsubstituted linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl or linear or branched C<sub>1</sub>-C<sub>4</sub>alkyl, substituted by OH or carboxy,

wherein~~by~~ the compound of formula



is excluded from the scope of protection.

**16. (currently amended)** A colouring composition for carrying out the method according to claim

1~~any one of claims 1 to 4~~~~[[4]]~~, comprising

- a) at least one compound of formula (1), (2) and/or (3) described in claim 1,
- b) a medium for adjusting the pH,
- c) water,
- and, optionally,
- d) further additives.

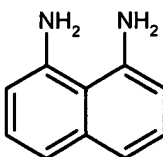
**17. (currently amended)** A colouring composition according to claim 16, comprising

- a) at least one compound of formula (1), (2) and/or (3)~~described in claim 1~~,
- b) a medium for adjusting the pH,
- c) water,

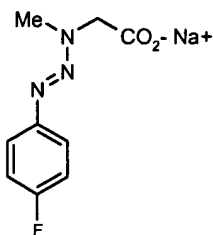
- d) at least one coupling component,
- and, optionally,
- e) further additives,

with the provisos that

(i) if the water-soluble coupling component is

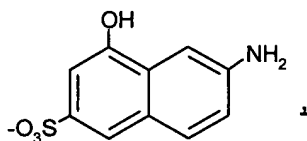


then the capped diazonium compound must not be

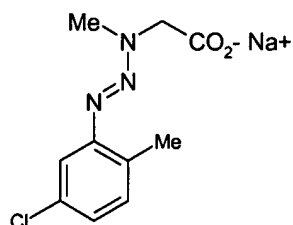


and

(ii) if the water-soluble coupling component is



then the capped diazonium compound must not be



**18. (currently amended)** A colouring composition for carrying out the method according to claim **1746**, comprising

- a) at least one compound of formula (1), (2) and/or (3) ~~indicated hereinbefore~~,
- b) a medium for adjusting the pH,
- c) water,

- d) at least one water-soluble coupling component selected from the group consisting of acylacetaryl amides, phenols, naphthols, pyridones, quinolones, pyrazoles, indoles, diphenylamines, anilines, aminopyridines, pyrimidones, naphthylamines, aminothiazoles, thiophenes and hydroxypyridines, which all may carry further substituents selected from the group consisting of ~~[[, ]]~~ ~~for example~~ amino, alkylamino, dialkylamino, halogen, alkyl, alkoxy, aryl, especially phenyl or naphthyl, or aryloxy, but especially a group imparting water solubility, e.g. hydroxy, carboxy and sulfo and, optionally,

- e) further additives,

wherein the same provisos as in claim 17 apply.

**19. (currently amended)** A colouring composition for carrying out the method according to claim 17, comprising

- a) at least one compound of formula (1), (2) and/or (3) ~~indicated hereinbefore,~~

- b) a medium for adjusting the pH,

- c) water,

- d) at least one water-soluble coupling component selected from the group consisting of acylacetaryl amides, phenols, naphthols, pyridones, quinolones, pyrazoles, indoles, diphenylamines, anilines, aminopyridines, pyrimidones, naphthylamines, aminothiazoles, thiophenes and hydroxypyridines, which all may carry further substituents selected from the group consisting of ~~[[, ]]~~ ~~for example~~ amino, alkylamino, dialkylamino, halogen, alkyl, alkoxy, aryl, especially phenyl or naphthyl, or aryloxy, but especially a group imparting water solubility, e.g. hydroxy, carboxy and sulfo,

- e) a further dye ~~[[, ]]~~ which is preferably an oxidation dye, or a cationic, anionic or uncharged direct dye ~~[[, ]]~~ especially a cationic dye selected from the group of the cationic dyes as described in WO 95/01772 and WO 01/66646,

and, optionally,

- f) further additives,

wherein the same provisos as in claim 17 apply.